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INF	ORMATION	DIS	CLOSURE	Filing Date	January 28, 2004		
STA	TEMENT E	BYA	PPLICANT	First Named Inventor	Sinclair		
				Group Art Unit			
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Sheet	1	of	_ 3	Attorney Docket Number	MS1-1814US		

			U.S. PATENT DOC	JMENTS	
Examiner Initials*	No.1	U.S. Patent Document Kind Code ² Number (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
少年		5,272,470	Zetts	12-21-1993	
1		5,568,536	Tiller et al.	10-22-1996	
		5.590.373	Whitley et al.	12-31-1996	
		5,619,684	Goodwin et al.	04-08-1997	
		5,757,361	Hirshik	05-26-1998	
		5.805.138	Brawne et al.	09-08-1998	
		5,835,080	Beeteson et al.	11-10-1998	
		5.874.955	Rogowitz et al.	02-23-1999	
		5.909.211	Combs et al.	06-01-1999	
		5,936,614	An et al.	08-10-1999	
		6,088,805	Davis et al.	06-11-2000	
	l	6.141.754	Chov	10-31-2000	
		6.233.576B1	Lewis	05-15-2001	
		6,259,043B1	Clary et al.	07-10-2001	
		6.262.718B1	Findlay et al.	07-17-2001	
		6,292,904B1	Broomhall et al.	09-18-2001	
		6,308,173B1	Glasser et al.	10-23-2001	
		6.351.748B1	Deen et al.	02-26-2002	
		6,381,602B1	Shoroff et al.	04-30-2002	
4		6,412,070B1	Van Dyke et al.	06-25-2002	

				FORE	IGN PATENT DOCUMEN	rs		
Examiner	Cite	Foreign Patent Document			Name of Patentee or	Date of Publication of	Pages, Columns, Lines,	Т
initials*	No.1	Office ³	Number ⁴	Kind Code ⁵ (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Pessages or Relevant Figures Appear	T
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁸ Applicant is to place a check mark here if English language Translation is attached.

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INF	ORMAT	ION D	ISCLOSURE	Filing Date	January 28, 2004		
STA	TEMEN	IT BY	APPLICANT	First Named Inventor	Sinclair		
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Sheet	2	of	3	Attorney Docket Number	MS1-1814US		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
56H		"Touch -Sensitive Overlay with Tactile Feedback", IBM Disclosure Bulletin, pp. 761-763, Vol. 29, No. 2, July 1986.	
		McMath, et al., "High Sampling Resolution Tactile Sensor for Object Recognition", IEEE Instrumentation and Measurement Technology Conference, pp. 579-583, Vol. 29, No. 2, May 18-20, 1993.	
		Yeung et al., "High Sampling Resolution Tactile Sensor for Object Recognition", IEEE Transactions on Instrumentation and Measurement Conference, pp. 277-282, Vol. 43, No. 2, April 1994.	
		Timothy Griffin, "Haptic Feedback in Button Technologies: A Guide for Industrial Designers", http://tlm.griffins.ca/writings/haptic_tech_body.html; pp. 1-47, April 14, 1999.	
		"Automated HomeThe Hows, Wheres and Whys of HA in the UK (Est. 1996)", www.automatedhome.co.uk, PDA-ir Review, pp. 1-8, May 24, 2002.	
		Gerovichev et al., "The Effect of Visual and Haptic Feedback on Manual and teleoperated Needle Insertion", Lecture Notes in Computer Science, Proceedings Part 1, pp. 147-154, Vol. 2488, September 25-28, 2002.	
		"TV Remote Controller 5.5 (voice operated) - reduced price!", www.pdawin.com/tvremote.html, pp. 1-4, August 2003.	
		"SoftFlow Version 3.0-Appliation Programming Manual", Delta Systems, Inc., www.delta-systems-inc.com, Stone Ridge Publishing, Inc., pp. 1-8, August 2003.	
4		S.D. Laycock and A.M. Day, "Recent Developments and Applications of Haptic Devices", Computer Graphics Forum, EG Eurographics Digital Library, pp. 117-132, Vol. 22, No. 2, 2003.	
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Examiner Sam Hall	4	Date Considered	6/22/07

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¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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			SCLOSURE	Filing Date	January 28, 2004	
STA	TEMENT	BYA	IPPLICANT	First Named Inventor	Sinclair	
				Group Art Unit		
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Sheet	3	of	3	Attorney Docket Number	MS1-1814US	

				U.S. PATENT DOCU	IMENTS	
Examiner nitials	Cite No.1	U.S. Patent (Cocument Kind Code ² (Il known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
564		6,446,206B1		Feldbaum	09-03-2002	
		6,449,633B1		Van et al.	09-10-2002	
		6,473,103B1		Bailey et al.	10-29-2002	
		6,513,721B1		Salmre et al.	02-04-2003	
		6,581,099B1		Deen et al.	06-17-2003	
*		6.609.199B1		DeTreville	08-19-2003	
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Substitute for form 1449/PTO	Complete if Known				
appoint of the latter of	Application Number	10/767,291			
INFORMATION DISCLOSURE	Filing Date	1/28/2004			
	First Named Inventor	Michael J. Sinclair			
STATEMENT BY APPLICANT	Art Unit	3713			
(Use as many shoots as necessary)	Examiner Name	Joe H. Cheng			
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initials*	Cite No.*	Document Number Number-Kind Godo***	Publication Date MM-DD-YYYY	Name of Petentee or Applicant of Clied Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appoint
54H		US- 2003/0134256-A1	07/17/2003	Tretlakoff et al.	
. Z. S		US- 4,333,092	06/01/1982	Field	
		US- 4,408,998	09/27/1983	Willough	
	<u> </u>	us- 5,086,287	02/04/1992	Nutzel	
		^{US-} 5,154,614	10/13/1992	Matsuoka et al.	·
	1	US- 5,165,897	11/24/1992	Johnson	
		US- 5,186,629	02/16/1993	Rohen	
		V8-5,233,333	08/03/1993	Borsuk	
		US- 5,412,189	05/02/1995	Cragun	
		US- 5,580,254	12/03/1996	Ramsey	·
1		^{US-} 5,588,839	12/31/1996	Shimoda	
\neg	1.	^{US-} 5,748,177	05/05/1998	Baker et al.	
		US- 5,810,597	09/22/1998	Allen, Jr. et al.	
		US- 5,920,303	07/06/1999	Baker et al.	
		US- 5,989,099	11/23/1999	Amold, III et al.	
		U8-6,042,383	03/28/2000	Herron	
1		^{US-} 6,059,575	05/09/2000	Murphy	
$\overline{}$		^{ŲS-} 6,162,059	12/19/2000	Murphy et al.	•
A.	T	US-6,217,338 -B1	04/17/2001	Tieman	

Examinor Initials*	Cite No.	Foreign Patent Document	FOREIGN PATENT DOCUM Publication Oate	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages
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	Application Number	10/767,291		
INFORMATION DISCLOSURE	Filing Date	1/28/2004		
	First Named Inventor	Michael J. Sinclair		
STATEMENT BY APPLICANT	Art Unit	3173		
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5610		us- 6,287,598-B1	07/31/2001	Allen, Jr. et al.	
1		^{US-} 6,278,944-B1	08/21/2001	Lui et al.	
		US- 6,292,713-B1	09/18/2001	Jouppi et al.	
	•	^{US-} 6,320,496-B1	11/20/2001	Sokoler et al.	
		^{US-} 6,357,940-B1	03/19/2002	Murphy	
4		^{US-} 6,384,743-B1	05/07/2002	Vanderheiden	
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